01-16-07

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## **TRANSMITTAL FORM**

Application Number 10/551,977 Filing Date October 4, 2005 First Named Inventor **David Deperthes** Art Unit 1643 **Examiner Name** A. Gussow

(to be used for all correspondence after initial filing) Attorney Docket Number Total Number of Pages in This Submission KZI-002US

ENCLOSURES (Check all that apply)					
Fee Transmittal Form		Drawing(s)	After Allor to TC	wance Communication	
Fee Attached		Licensing-related Papers		ommunication to Board of and Interferences	
Amendment/Reply		Petition		ommunication to TC otice, Brief, Reply Brief)	
After Final		Petition to Convert to a Provisional Application	Proprieta	ry Information	
Affidavits/declaration(s)		Power of Attorney, Revocation Change of Correspondence Address	s Status Le	tter	
Extension of Time Request		Terminal Disclaimer	X Other End	closure(s) (please elow):	
Express Abandonment Request		Request for Refund	Paper copy o	rsuant to 37 CFR 1.821; f Sequence Listing;	
Information Disclosure Statement		CD, Number of CD(s)		aining CRF of replacement ting; Copy of Notice to	
Certified Copy of Priority Document(s)		Landscape Table on CD	Return Recei	pt Postcard	
Response to Notice to Comply With Requirements for Sequence Disclosures		Remarks			
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm Name LAMIVE & GOCKFIELD, LLP					
Signature					
Printed name	Cristin E. Howley, P	h.D.			
Date	January 11, 2007	Reg	No. 55,281		

Express Mail Label No. EV 956 463 295 US Dated: January 11, 2007





## UNITED STATES DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10 551,977	Deperthes, et al	

EXAMINER

Home M. Gussow

ART UNIT PAPER

1643

20061208

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

## **Commissioner for Patents**

1. This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 C.F.R. § 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 C.F.R. §§ 1.821-1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.

The sequences in claims 5, 41, 43, and 47 do not have SEQ ID Nos. and are not included in the paper copy of the sequence

listings or the computer readable listing.

- 2. Any inquiry concerning this communication should be directed to Examiner Anne M. Gussow, Ph.D., Art Unit 1643, whose telephone number is (571) 272-6047.
- 3. Any questions regarding compliance with the sequence rules requirements specifically should be directed to the departments listed at the bottom of the Notice to Comply.
- 4. APPLICANT IS GIVEN ONE MONTH FROM THE DATE OF THIS LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 C.R.F. §§ 1.821-1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R. § 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 C.F.R. § 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Direct the response to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the response.

LARRY R. HELMS, PH.D. SUPERVISORY PATTERNS OF

JAN 1 1 2007 App

Application No. 10 551 977 NUCLEOTIDE SECRETARIA AND/OR AMINÓ ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

	1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
	2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
	3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
	4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
	5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
	6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
	7. Other:
Αp	plicant Must Provide:
X	An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
	An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
Ø	A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).
For	questions regarding compliance to these requirements, please contact:
For	Rules Interpretation, call (703) 308-4216
For	CRF Submission Help, call (703) 308-4216  ***Transfer of the control of the contr
For	Patentin software help, call (703) 308-6856

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE